

Appl. No. 10/707,494
Amdt. dated October 07, 2005
Reply to Office action of August 19, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

- 1 (currently amended): A back light apparatus, comprising:
- 5 a frame creating a container;
 a light source module which is placed inside said container;
 a diffuser which is placed upon said light source module; and
 at least one ~~elastic device~~ spring placed inside said container, said ~~elastic device~~
 spring having a first end fixed on a bottom of said container and a second end
10 supporting said diffuser.
- 2 (currently amended): The back light apparatus according to claim 1, wherein said ~~elastic device~~ spring is formed out of transparent material.
- 15 3 (currently amended): The back light apparatus according to claim 1, wherein said ~~elastic device~~ spring is formed out of highly reflective material.
- 4-5 (cancelled).
- 20 6 (currently amended): The back light apparatus according to claim 1, wherein said ~~elastic device~~ spring is formed out of plastic.
- 7-11 (cancelled).
- 25 12 (currently amended): The back light apparatus according to claim 1, further
 comprising a fixing base formed on the bottom of said container, said ~~elastic device~~
 spring being placed inside said fixing base.

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- 13 (currently amended): The back light apparatus according to claim 12, wherein said
fixing base has an opening whose size is smaller than the diameter of said ~~elastic-~~
~~device~~ spring, a protruding device being formed on top of said ~~elastic-device~~ spring,
5 the bottom of said protruding device having a flange mounted inside said fixing
base.
- 14 (currently amended): The back light apparatus according to claim 1, wherein said
container further comprises a cavity formed in ~~on~~ the bottom, said ~~elastic-device~~
10 spring being placed inside said cavity.
- 15 (currently amended): The back light apparatus according to claim 14, wherein said
cavity has an opening whose size is smaller than the diameter of said ~~elastic-device~~
spring, a protruding device being formed on top of said ~~elastic-device~~ spring, the
15 bottom of said protruding device having a flange mounted inside said cavity.
- 16 (currently amended): The back light apparatus according to claim 1, wherein said
second end of said ~~elastic-device~~ spring is positioned below said diffuser a
predetermined distance for supporting said diffuser when said diffuser deforms
20 downwards.
- 17 (currently amended): The back light apparatus according to claim 16, wherein said
second end of said ~~elastic-device~~ spring does not contact other objects when said
second end of said ~~elastic-device~~ spring is positioned below said diffuser said
25 predetermined distance.
- 18 (currently amended): The back light apparatus according to claim 1, wherein said
second end of said ~~elastic-device~~ spring directly contacts said diffuser for supporting

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said diffuser.

19 (new): A back light apparatus, comprising:

- a frame creating a container;
- 5 a light source module which is placed inside said container;
- a diffuser which is placed upon said light source module;
- at least one elastic device placed inside said container, said elastic device having a
first end fixed on a bottom of said container and a second end supporting said
diffuser; and
- 10 a protruding device formed on top of said elastic device.

20 (new): The back light apparatus according to claim 19, wherein said protruding device
is formed out of highly reflective material.

15 21 (new): The back light apparatus according to claim 19, wherein said protruding device
is formed out of transparent material.

22 (new): The back light apparatus according to claim 19, wherein said protruding device
is formed out of elastic material.

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23 (new): The back light apparatus according to claim 19, wherein said protruding device
has the shape of a cone.

24 (new): The back light apparatus according to claim 19, further comprising a fixing
25 base formed on the bottom of said container, said elastic device being placed inside
said fixing base.

25 (new): The back light apparatus according to claim 24, wherein said fixing base has an

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opening whose size is smaller than the diameter of said elastic device, a protruding device being formed on top of said elastic device, the bottom of said protruding device having a flange mounted inside said fixing base.

5 26 (new): The back light apparatus according to claim 19, wherein said container further comprises a cavity formed in on the bottom, said elastic device being placed inside said cavity.

10 27 (new): The back light apparatus according to claim 26, wherein said cavity has an opening whose size is smaller than the diameter of said elastic device, a protruding device being formed on top of said elastic device, the bottom of said protruding device having a flange mounted inside said cavity.

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